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(54) **CALCULUS RETRIEVING/REMOVING
DEVICE AND METHOD**

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ABSTRACT

A calculus removing device includes an elongated member and a retrieval part fixed to the elongated member. A discharge force is produced in a lumen in the elongated member to discharge fluid in the lumen into the renal pelvis, and a suction force is produced in the lumen to draw fluid into the lumen from the renal pelvis. An outlet communicates with the lumen, and fluid in the lumen is discharged into the renal pelvis through the outlet in the presence of the discharge force. An inlet communicates with the lumen, and fluid in the renal pelvis is drawn into the lumen through the inlet in the presence of the suction force. The retrieval part includes an interior that communicates with the lumen and the renal pelvis, and the interior is configured to receive the calculus in the renal pelvis in the presence of the suction force.

20 Claims, 16 Drawing Sheets

